

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier.

1. A trimming material for an automobile comprising:

a surface skin material;

a base material; and

a colored resin film comprising:

a surface-side adhesion layer on the side of the surface skin material, and

a base-side adhesion layer on the side of the base material, and

a barrier layer positioned between the surface-side layer and the base-side adhesion layer and bonded thereto;

wherein

the resin film is interposed between the surface skin material and the base material and bonded thereto,

the surface-side adhesion layer is bonded to a rear surface of the surface skin material by heating the surface-side adhesion layer to be melted and partly permeating into the rear surface of the surface skin material;

the base-side adhesion layer is bonded to a front surface of the base material by heating the base-side adhesion layer to be melted and partly permeate into the front surface of the base material;

the barrier layer is made of a non-liquid permeable material that is not melted at a temperature that causes the surface-side adhesion layer and the base-side adhesion layer to melt.

2. A trimming material as in claim 1, wherein:

the surface-side adhesion layer and the base-side adhesion layer are made of first resin and second resin, and are adapted to be melted when heated,

the melted second resin has lower flowability than the melted first resin, and

the base-side adhesion layer is colored while the barrier layer and the surface-side adhesive layer are substantially colorless.

3. A trimming material as in claim 1, wherein the barrier layer is colored while the base-side adhesion layer and the surface-side adhesion layer are substantially colorless.

4. A trimming material as to claim 1, wherein the resin film is colored with a color that is similar to a color of the surface skin material.

5. A trimming material as in claim 1, wherein the barrier layer is colored with a first color and the base-side adhesion layer is colored with a second color, the combination of the barrier layer and the base-side adhesion layer exhibits a third color when overlaid with each other, and the third color is similar to a color of the surface skin material.

6. A trimming material as in claim 1, wherein the resin film is colored with a different color than a color of the surface skin material, and the resin film and the surface skin material exhibit a desired blended color when overlaid with each other.

7. A trimming material for an automobile comprising:

a surface skin material;

a base material; and

a colored film interposed between the surface skin material and the base material comprising;

a surface-side adhesion layer bonded to the surface skin material; and

a base-side adhesion layer bonded to the base material; and

a barrier layer interposed between the surface-side adhesion layer and the base-side adhesion layer and bonded thereto;

wherein;

the surface-side adhesion layer and the base-side adhesion layer are made of materials that melt with heat; and

the barrier layer is made of a non-permeable material that prevents the melted surface-side adhesion layer and the melted base-side adhesion layer from entering the barrier layer.

8. A trimming material as in claim 7, wherein the surface skin material is colored with a first color, and at least one of the surface-side adhesion layer, the base-side adhesion layer, and the barrier layer, is colored with a second color.

9. A trimming material as in claim 8, wherein the second color is the same as or similar to the first color.
10. A trimming material as in claim 8, wherein the second color is an achromatic color that has substantially the same brightness as the first color.
11. A trimming material as in claim 8, wherein at least one of the base-side adhesion layer and the barrier layer is colored with the second color.
12. A trimming material as in claim 7, wherein the surface skin material is colored with a first color, and at least two of the surface-side adhesion layer, the base-side adhesion layer, and the barrier layer, are respectively colored with a second and third color, that exhibits a fourth color when all of the colors are overlaid with each other.
13. A trimming material as in claim 12, wherein the fourth color is the same as or similar to the first color.
14. A trimming material as in claim 7, wherein each of the surface-side adhesion layer and the base-side adhesion layer is made of resin and is melted by heat to a liquid phase.

15. A trimming material as in claim 14, wherein the barrier layer is made of resin that has a melting point that is higher than a melting point of either of the individual melting points of the surface-side adhesion layer and the base-side adhesion layer.

16. A trimming material as in claim 15 further including

a first mutual adhesion layer, and

a second mutual adhesion layer,

wherein the first mutual adhesion layer is interposed between the surface-side adhesion layer and the barrier layer, the second mutual adhesion layer is interposed between the base-side adhesion layer and the barrier layer,

wherein each of the first mutual adhesion layer and the second mutual adhesion layer is made of resin having a melting point lower than the melting point of the barrier layer.

17. A resin film used for manufacturing a trimming material of an automobile, comprising:

a barrier layer made of resin and having a property of no liquid-permeability; and

a first adhesion layer and a second adhesion layer made of resin and respectively disposed on opposite sides of the barrier layers;

wherein:

each of the first and second adhesion layers has a melting point lower than a melting point of the barrier layer; and

at least one of the barrier layer, the first adhesion layer, and the second adhesion layer have melt indexes that are different from each other.

18. A resin film as in claim 17, wherein the first adhesion layer and the second adhesion layer have melt indexes that are different from each other.

19-20. Cancel